



calibrate OR testing author:"T Gomm"

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[State of the technology: ultrasonic tomography - group of 2 »](#)

TJ Gomm, J Mauseth - Materials Evaluation(USA), 1999 - csa.com

... 22 Testing and Control(MD); B 2 Testing and Quality Control(EC); B 2 Testing and Quality Control(ED); B 2 Testing and Quality Control(EP); R 7 Testing/Analysis ...

[Cited by 3 - Web Search - BL Direct](#)[In-plane linear displacement bistable microrelay - group of 6 »](#)

T Gomm, LL Howell, RH Selfridge - J. Micromech. Microeng, 2002 - iop.org

... The testing results demonstrate that it is feasible to use the LDBM as a microrelay and that it has potential for use in future applications. 1. Introduction ...

[Cited by 11 - Web Search - BL Direct](#)[Ultrasonic tomography comparison: transmissive, reflective and compound B-scan - group of 3 »](#)

TJ Gomm, J Mauseth - Materials Evaluation(USA), 2001 - csa.com

... 22 Testing and Control(MD); B 2 Testing and Quality Control(EC); B 2 Testing and Quality Control(ED); B 2 Testing and Quality Control(EP); R 7 Testing/Analysis ...

[Cited by 1 - Web Search - BL Direct](#)[Surface micromachined force gauges: uncertainty and reliability. - group of 10 »](#)

JW Wittwer, T Gomm, LL Howell - Journal of Micromechanics and Microengineering, 2002 - iop.org

... This method of error analysis is very important at the micro level because of the expense and time involved in fabricating and testing micro devices. ...

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calibrate OR testing "CCD" author:"J Bruce"

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Pharmacological evaluation of the role of cytochrome P450 in intracellular calcium signalling in rat ... - group of 3 »

JIE Bruce, AC Elliott - British Journal of Pharmacology, 2000 - nature.com

... was captured and digitised at 12-bit resolution by a slow scan **CCD** camera (Digital ...

We did not routinely **calibrate** fura-2 signals in terms of absolute values of ...

Cited by 4 - Web Search - BL Direct

Molecular and Functional Identification of a Ca²⁺ (Polyvalent Cation)-sensing Receptor in Rat ... - group of 3 »

JIE Bruce, X Yang, CJ Ferguson, AC Elliott, MC ... - J Biol Chem, 1999 - jbc.org

... cells was imaged using a Nikon Diaphot microscope and a slow-scan **CCD** camera (Digital ...

Mg²⁺-free solution for at least 10 min and then **testing** duct viability ...

Cited by 47 - Web Search - BL Direct

Present imperfect: A critical review of animal models of the mnemonic impairments in Alzheimer's ... - group of 6 »

MP McDonald, JB Overmier - Neurosci. Biobehav. Rev, 1998 - medschool.mc.vanderbilt.edu

... entrenched. There is scarcely a new medicine tested or medical technique

tried without thorough **testing** on infra-humans. However ...

Cited by 23 - View as HTML - Web Search - BL Direct

Evaluation of Charge-Injection Devices for Use in Laue Diffraction Imaging - group of 4 »

QS Hanley, JB True, MB Denton - Journal of Synchrotron Radiation, 1995 - dx.doi.org

... The inability of a **CCD** to read out individual pixels randomly would require ... traceable photodiode reference was used (UV-444-BQ, EG&G) to **calibrate** the light ...

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**CMOS ACTIVE PIXEL SENSOR DESIGNS FOR FAULT TOLERANCE AND BACKGROUND
ILLUMINATION SUBTRACTION - group of 2 »**

DYH Cheung - 2005 - deneb.ensc.sfu.ca

Page 1. CMOS ACTIVE PIXEL SENSOR DESIGNS FOR FAULT TOLERANCE AND BACKGROUND
ILLUMINATION SUBTRACTION by Desmond Yu Hin Cheung BA.Sc. ...

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Optical Detection

DW Johnson - doi.wiley.com

Page 1. CHAPTER 3 Optical Detection You can't hit what you can't see. DWalter Johnson (American baseball player) 3.1 INTRODUCTION ...

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testing DMA OR DMD OR micromirror OR mi

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Integrated microelectromechanical systems: A perspective on MEMS in the 90s

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KD Wise - Micro Electro Mechanical Systems, 1991, MEMS'91, Proceedings ... - ieeexplore.ieee.org
... are being defined to allow features such as self- testing and digital ... few years,
there has been an explosion of interest in **microelectromechanical systems (MEMS)** ...
[Cited by 13](#) - [Web Search](#)

A MEMS-based projection display - group of 4 »

PF Van Kessel, LJ Hornbeck, RE Meier, MR Douglass, ... - Proceedings of the IEEE, 1998 - ieeexplore.ieee.org
... with no device failures and only one added **micromirror** defect (which ... as destructive
analyses of the hinges after **test**, have proved the **DMD** reliable in ...
[Cited by 100](#) - [Web Search](#) - [BL Direct](#)

Design, simulation and testing on a light modulating thermal image device - group of 7 »

L Zhang, G Yang - Journal of Micromechanics and Microengineering, 2001 - iop.org
... Design, simulation and **testing** on a light ... the technologies of micromachining and
microelectromechanical systems step ... cell consists of a **micromirror** and several ...
[Cited by 2](#) - [Web Search](#) - [BL Direct](#)

An autonomous data recorder for field **testing - group of 3 »**

JA Carroll, MD Fennell - 2005 - www-nrd.nhtsa.dot.gov
... written to or read under **DMA** control if ... development-intensive applications like early
field testing. ... DX CMOS Active Pixel Digital **Image Sensors** datasheet, Ver. ...
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1996 Index IEEE/ASME Journal of Microelectromechanical Systems Vol. 5

TOC View - **Microelectromechanical Systems**, Journal of, 1996 - ieeexplore.ieee.org
... **Microelectromechanical devices** Electron beam applications; cf. ... YB, Si microcantilever
beams subjected to side load, fracture **testing**. ... I **Image sensors**; cf. ...
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A Computer Vision System on a Chip: a case study from the automotive domain

GPSER Gaby, HA Shashua, I Jerusalem - doi.ieeecomputersociety.org
... interface to a vari- ety of **image sensors** including high ... other hardware blocks such
as the **DMA** controller and ... **Testing** the hardware blocks on FPGAs: Once the ...
[Web Search](#)

Concepts for the Test of Volumetric Fire Detectors

I Willms - NIST SPECIAL PUBLICATION SP, 2001 - fire.nist.gov
... can make use of CMOS **image sensors** offering ... the **test** of volumetric intrusion detectors,
International ... Gehner, A., Dauderstädt, U. **Micromirror** spatial light ...
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Study on high speed sampling and processing of arc dynamic image for low voltage apparatus

S Zhuangzhi, L Jiaomin, W Xiaohong - Intelligent Control and Automation, 2000. Proceedings of the ..., 2000 - ieeexplore.ieee.org
... In hardware design, high frame rate CCDs and a straight fiberscope are used as the
image sensor, and an advanced system of **testing** high speed arc images and ...
[Web Search](#)

CMOS image sensors

A EI Gamal, H Eltoukhy - Circuits and Devices Magazine, IEEE, 2005 - ieeexplore.ieee.org
... Recent advances in the design of **image sensors** implemented in complementary metal-
oxide ... and monitor- ing, machine vision, and biological **testing**, among other ...

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A Reconfigurable System for Image Reconstruction in Digital Holography

T Lenart, V Öwall - kontoret.webmaster.se

... is being used for full scale image reconstruction, exhaustive **testing** of the ... DMA
DMA VGA ... The sensor interface is configurable to support several **image sensors**. ...

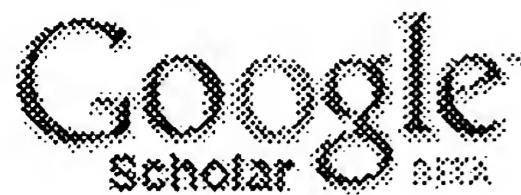
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The light field video camera - group of 7 »

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B Wilburn, M Smulski, K Lee, M Horowitz... - SPIE Proc. Media Processors 2002, 2002 - graphics.stanford.edu

... features with subpixel resolution for geometric **calibration** also requires ... the sync signals for the **image sensors** and can ... DRAM in real time using **DMA** transfers. ...

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A light modulation/demodulation method for real-time 3D imaging - group of 3 »

Q Chen, T Wada - 3-D Digital Imaging and Modeling, 2005. 3DIM 2005. Fifth ..., 2005 - doi.ieeecomputersociety.org

... Figure 1. The Digital **Micromirror** Device (quoted from [http ...](http://) Our investigation indicates that the **DMD** is synchro ... The **calibration** is performed by setting a white ...

[Web Search](#)

Poster Session 1: Calibration/Stereo - group of 2 »

V Vaish, B Wilburn, N Joshi, M Levoy, Z Zhang, C ... - doi.ieeecomputersociety.org

... a Digital **Micromirror** ... **Image Sensors**..... ... **Calibrating** ...

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Micropositioning of a weakly calibrated microassembly system using coarse-to-fine visual servoing ... - group of 5 »

SJ Ralis, B Vikramaditya, BJ Nelson, E Inc, OR ... - Electronics Packaging Manufacturing, IEEE Transactions on [..., 2000 - ieeexplore.ieee.org

... I. INTRODUCTION A S **microelectromechanical** systems (MEMS ... compensate for uncertainty in the **calibration** of camera ... being tracked in both **image sensors**); is the ...

[Cited by 24](#) - [Web Search](#) - [BL Direct](#)

2004 Index-IEEE Instrumentation and Measurement Magazine-Vol. 7

TOC View - Instrumentation & Measurement Magazine, IEEE, 2004 - ieeexplore.ieee.org

... M Jun 04 64-65 Management automated **calibration** aids smooth ... **Image sensors** Piezoelectric devices quasistatic behavior, dealing ... **microelectromechanical** systs., IC. ...

[Web Search](#)

Object imaging with a piezoelectric robotic tactile sensor - group of 2 »

ES Kolesar Jr, CS Dyson - **Microelectromechanical Systems**, Journal of, 1995 - ieeexplore.ieee.org

Page 1. JOURNAL OF MICROELECTROMECHANICAL SYSTEMS, VOL. 4, NO. 2, JUNE 1995 87 ... Page

2. 88 JOURNAL OF MICROELECTROMECHANICAL SYSTEMS, VOL. 4, NO. 2, JUNE 1995 ...

[Cited by 12](#) - [Web Search](#)

High-speed surface profilometer based on a spatial light modulator and pipeline image processor - group of 3 »

CR Coggrave, JM Huntley - Optical Engineering, 1999 - link.aip.org

... the limited data acquisition rate of current 2-D **image sensors**. ... scene at 60 frames/s. **DMD**-based projectors ... The second **calibration** step of converting the (m,n, ...

[Cited by 7](#) - [Web Search](#) - [BL Direct](#)

A portable system for high-resolution digital image acquisition using wavelet image compression

U Schelinski, S Danz, K Frommhagen, M Scholles, M ... - Signal Processing Systems, 1998. SIPS 98. 1998 IEEE Workshop ..., 1998 - ieeexplore.ieee.org

calibrating DMA OR DMD OR micromirror OR microelectromechanical "image sensors"... Page 2 of 2

... memories during code and data access, and DMA transfers have ... upgrade of the DSP code and a calibration of the ... types of CCD matrices to CMOS image sensors [12]. ...

Cited by 1 - Web Search

This paper appears in: Computer Vision and Pattern Recognition, 2004. CVPR 2004.

Proceedings of the ... - group of 2 »

TOC View - Computer Vision and Pattern Recognition, 2004. CVPR 2004. ... - ieeexplore.ieee.org

... a Digital Micromirror ... Image Sensors..... Calibrating ...

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An autonomous land vehicle PRV III

KI Kim, SY Oh, SW Kim, H Jeong, CN Lee, BS Kim, CS ... - Intelligent Vehicles Symposium, 1996., Proceedings of the ..., 1996 - ieeexplore.ieee.org

... Figure 7. Top : Calibration Procedure, Bottom : Fitness Score Evaluation. ... it has to be made pyramid images from different scaled image sensors using Gaussian ...

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4	INZZ	(calibrat\$ OR testing) NEAR (image ADJ sensors OR pixels OR CCD)	unrestricted	247	show titles
5	INZZ	4 AND (plurality OR two OR three OR many OR multiple) NEAR images	unrestricted	8	show titles
6	INZZ	4 AND (dma OR micromirror OR micromechanical)	unrestricted	0	-
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L119	6	((calibrat\$ standard\$ testing) near4 (CCD image near (sensors sensing pixels) camera) and (split\$4 divid\$4 separat\$4) near4 (plurality many two three) near2 images).clm.	US-PGPUB	OR	ON	2006/07/02 17:29
L120	4	((calibrat\$ standard\$ testing) near4 (CCD image near (sensors sensing pixels) camera) and (focus\$4) near4 (plurality many two three) near2 images).clm.	US-PGPUB	OR	ON	2006/07/02 17:30
L121	6	((calibrat\$ standard\$ testing) near4 (CCD image near (sensors sensing pixels) camera) and (focus\$4) with (plurality many two three) near2 images).clm.	US-PGPUB	OR	ON	2006/07/02 17:30
L122	8	((calibrat\$ standard\$ testing) near4 (CCD image near (sensors sensing pixels) camera) and (creating producing) with (plurality many two three) near2 images). clm.	US-PGPUB	OR	ON	2006/07/02 17:31

EAST Search History K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	6	("5596185").URPN.	USPAT	OR	ON	2006/07/02 16:02
L13	61	tyler near gomm	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L14	1	L13 and image near sens\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L15	0	tyler near gomm	EPO; JPO	OR	ON	2006/07/02 16:05
L16	1	Jeff near bruce	EPO; JPO	OR	ON	2006/07/02 16:05
L17	12	Jeff near bruce	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L18	6	(("4648695") or ("5467128") or ("5803570")).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/02 16:05
L19	1	brian near teipen	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L20	1	brian near teipen	EPO; JPO	OR	ON	2006/07/02 16:05
L21	1	duncan near macfarlane	EPO; JPO	OR	ON	2006/07/02 16:05
L22	20	duncan near macfarlane	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L23	5652	(calibrat\$ test\$4) with (imager image near sensor ccd)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L24	656	L23 and (micro near mirror micromirror lcd)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L25	108	L23 and (micro near mirror micromirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L26	69	("5457493").URPN.	USPAT	OR	ON	2006/07/02 16:05
L27	1	L26 and (calibrat\$ test\$4) near4 (ccd imager sensor)	USPAT	OR	ON	2006/07/02 16:05
L28	6	("5596185").URPN.	USPAT	OR	ON	2006/07/02 16:05
L29	4	("5319214" "5325116" "5457493" "5467146").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L30	7	("4680579" "4698602" "4954789" "5061049" "5096279" "5148157" "5278652").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05

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L31	4232	modulation near transfer near function	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L32	418	modulation near transfer near function with (ccd imager sensor)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L33	2	L32 and (micro near mirror micromirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L34	67	L31 and (calibrat\$ test\$4) near4 (ccd imager sensor)	USPAT	OR	ON	2006/07/02 16:05
L35	0	L34 and (micro near mirror micromirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L36	982	(356/237.1).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/02 16:05
L37	9	L36 and (imager sensor CCD) and (micromirror micro near mirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L38	5	L36 and (imager sensor CCD) and (dmd)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L39	190406	(("250") or ("356") or ("348")).CLAS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/02 16:05
L40	3	L36 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) and (micromirror micro near mirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L41	100	L39 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) and (micromirror micro near mirror)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L42	106	L39 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) and (micromirror micro near mirror dmd)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L43	1	(calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) and (micromirror micro near mirror dmd)	EPO; JPO	OR	ON	2006/07/02 16:05
L44	63	L36 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05

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L45	7906	L39 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L46	1393	L45 and (static dynamic marching near2 (row diagonals) calibrat\$ standard test) near4 (image)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L47	978	L45 and (static dynamic marching near2 (row diagonals) calibrat\$ standard test) near2 (image)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L48	444	L39 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) same (static dynamic marching near2 (row diagonals) calibrat\$ standard test) near4 (image)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L49	515	L45 and (static dynamic marching near2 (row diagonals) test) near2 (image)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L50	223	L39 and (calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD) same (static dynamic marching near2 (row diagonals) test) near4 (image)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L51	49	L45 and (static dynamic marching near2 (row diagonals) calibrat\$ standard test) near4 (image) same (micro near mirror micromirror dmd slm lcd liquid near crystal)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L52	49	L45 and (static dynamic marching near2 (row diagonals) calibrat\$ standard test) near4 (image) same (micro near mirror micromirror dmd slm lcd liquid near crystal mirror near array)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L53	114924	(calibrat\$ test\$4 monitor\$) near3 (imager sensor CCD cmos)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L54	3050	L53 and compar\$ near4 image	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L55	825	L54 and (micro near mirror mirror near array dmd lcd liquid near crystal)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L56	36989	(calibrat\$ test\$4) near3 (imager sensor CCD cmos)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05

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L57	1437	L56 and compar\$ near4 image	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L58	379	L57 and (micro near mirror mirror near array dmd lcd liquid near crystal)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L59	379	L57 and (micro near mirror mirror near array dmd lcd liquid near crystal)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L60	4	("5694053").URPN.	USPAT	OR	ON	2006/07/02 16:05
L61	10	("4983911" "5006788" "5124660" "5179345" "5258705" "5377030" "5424633" "5432461" "5459409" "5532615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L62	69	("5457493").URPN.	USPAT	OR	ON	2006/07/02 16:05
L63	28	L62 and calibrat\$	USPAT	OR	ON	2006/07/02 16:05
L64	7	("4680579" "4698602" "4954789" "5061049" "5096279" "5148157" "5278652").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L65	6	("5596185").URPN.	USPAT	OR	ON	2006/07/02 16:05
L66	4	("5319214" "5325116" "5457493" "5467146").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L67	9	("5448395").URPN.	USPAT	OR	ON	2006/07/02 16:05
L68	4	("4383170" "4585948" "4879602" "5212582").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L69	1	("6792370").URPN.	USPAT	OR	ON	2006/07/02 16:05
L70	4	("20020095265" "20020103617" "6442293" "6473717").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L71	3	("6768509").URPN.	USPAT	OR	ON	2006/07/02 16:05
L72	3	("4285004" "4326219" "6618076").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L73	4	("5694053").URPN.	USPAT	OR	ON	2006/07/02 16:05
L74	10	("4983911" "5006788" "5124660" "5179345" "5258705" "5377030" "5424633" "5432461" "5459409" "5532615").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L75	8	("6618076").URPN.	USPAT	OR	ON	2006/07/02 16:05

EAST Search History

L76	47	("4111536" "4185918" "4372655" "4621292" "4682214" "4754329" "4843410" "4988187" "4988856" "5159378" "5216504" "5231481" "5255045" "5274362" "5276523" "5278602" "5298993" "5321494" "5329310" "5339154" "5363318" "5369432" "5371537" "5373343" "5381349" "5475447" "5483259" "5499040" "5502458" "5561459" "5570108" "5614925" "5619349" "5638117" "5734938" "5739809" "5742698" "5786803" "5792147" "5793340" "5803570" "6115022" "6219099" "6292171" "6331848" "6346933" "6483555").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L77	29	L76 and calibrat\$	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/02 16:05
L78	9	(US-20050041242-\$ or US-20050151861-\$ or US-20050103976-\$ or US-20030169347-\$ or US-20040108448-\$).did. or (US-5457493-\$ or US-5596185-\$ or US-5448395-\$ or US-6792370-\$ or US-6768509-\$ or US-5694053-\$ or US-6618076-\$).did. or (EP-657760-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L79	4	L78 and (calibrat\$ correlat\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L80	5	L78 and (compar\$ correlat\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L81	1	uniform near dc near (light source)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L82	85	uniform\$ with dc near (light source)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05

EAST Search History

L83	6	uniform\$ with dc near (laser)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L84	1524	dc near (laser lamp led)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L85	0	L84 same unifrom\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L86	29	L84 same uniform\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L87	25067	dc near (light source)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L88	363	L87 same uniform\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L89	85	L87 with uniform\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L90	8	dc near (light lamp led) with uniform\$	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L91	61	tyler near gomm	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L92	3	L91 and image	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L93	0	tyler near gomm	EPO; JPO	OR	ON	2006/07/02 16:05
L94	1	jeff near bruce	EPO; JPO	OR	ON	2006/07/02 16:05
L95	12	jeff near bruce	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L96	2781	(test\$4 monitor\$ calibrat\$) near4 image near (sensor detector CCD)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L97	92	(creat\$ focus\$ divid\$4 split\$4) near4 (plurality multiple two three four) near3 (calibrat\$ test\$4) near images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L98	4	L96 and L97	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05

EAST Search History

L99	24751	(creat\$ focus\$ divid\$4 split\$4) near4 (plurality multiple two three four) near3 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L100	158	L96 and L99	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L101	78	cmos near2 array with space	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L102	80	cmos near2 array with (space gaps)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L103	35	L102 and (ir infrared)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L104	45	L102 not L103	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L105	323	cmos same (array pixels cells) near4 (space gaps dead)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L106	112	L105 and (ir infrared)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L107	98	L106 not L102	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L108	53680	("356").CLAS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/02 16:05
L109	1	L108 and uniform\$ near2 DC near (light source beam)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L110	4	uniform\$ near2 DC near (light source beam)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:05
L111	2344	((356/237.1) or (348/181, 187-188) or (250/252.1)).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/07/02 16:31
L112	500	111 and (plurality many two three) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:37
L113	21	111 and (plurality many two three) near2 (test calibration standard) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:49

EAST Search History

L114	67	111 and (split\$4 divid\$4 separat\$4) near4 (plurality many two three) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:49
L115	62	114 not 113	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 16:49

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L116	199	(calibrat\$ standard\$ testing) near4 (CCD image) near (sensors sensing pixels) and (split\$4 divid\$4 separat\$4) near4 (plurality many two three) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 17:23
L117	826	(calibrat\$ standard\$ testing) near4 (CCD image near (sensors sensing pixels) camera) and (split\$4 divid\$4 separat\$4) near4 (plurality many two three) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 17:23
L118	49	117 and (focus\$4) near4 (plurality many two three) near2 images	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/02 17:24